SEQUENCE LISTING

- (i) APPLICANT: Dong, Fang Lyamichev, Victor I. Prudent, James R.
- (ii) TITLE OF INVENTION: TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
- (iii) NUMBER OF SEQUENCES: 123
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: MEDLEN & CARROLL, LLP
 - (B) STREET: 220 Montgomery Street, Suite 2200
 - (C) CITY: San Francisco
 - (D) STATE: CA
 - (E) COUNTRY: USA
 - (F) ZIP: 94104
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk

 - (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: MacKnight, Kamrin T.
 - (B) REGISTRATION NUMBER: 38,230
 - (C) REFERENCE/DOCKET NUMBER: FORS-03345
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (415) 705-8410
 - (B) TELEFAX: (415) 397-8338
- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 391 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"
 - (xi) SEQUENCE DESCRIPTION: SEO ID NO:1:

AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA GCGGCATCGA GGTCGTATGG 60 ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG 120 GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC 180 240 GGCACCATCC CGGACCCGTT CGGCGGGCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC 300 CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC

Configuration of the Wall and shape that the

	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGGTGGTC C	391
5	(2) INFORMATION FOR SEQ ID NO:2:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
15	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA CCGGCATCGA GGTCGTATGG	60
20	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
25	GGCACCATCC CGGACCCGTT CGGCGGCCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
30	CCCGTTGCGA GATACCTTGG GCCGCTGGTC C	391
	(2) INFORMATION FOR SEQ ID NO:3:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
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45	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA GCGGCATCGA GGTCGTATGG	60
	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
50	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
50	GGCACCATCC CGGACCCGTT CGGCGGCCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
55	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGCTGGTC C	391
60	(2) INFORMATION FOR SEQ ID NO:4:	
65	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 391 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

	(A) DESCRIPTION: /desc = "DNA"	
_	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
5	AGCTCGTATG GCACCGGAAC CGGTAAGGAC GCGATCACCA CCGGCATCGA GGTCGTATGG	60
	ACGAACACCC CGACGAAATG GGACAACAGT TTCCTCGAGA TCCTGTACGG CTACGAGTGG	120
10	GAGCTGACGA AGAGCCCTGC TGGCGCTTGG CAATACACCG CCAAGGACGG CGCCGGTGCC	180
	GGCACCATCC CGGACCCGTT CGGCGGGCCA GGGCGCTCCC CGACGATGCT GGCCACTGAC	240
15	CTCTCGCTGC GGGTGGATCC GATCTATGAG CGGATCACGC GTCGCTGGCT GGAACACCCC	300
15	GAGGAATTGG CCGACGAGTT CGCCAAGGCC TGGTACAAGC TGATCCACCG AGACATGGGT	360
	CCCGTTGCGA GATACCTTGG GCCGGTGGTC C	391
20	(2) INFORMATION FOR SEQ ID NO:5:	
25	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
30	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
	AGCTCGTATG GCACCGGAAC	20
35	(2) INFORMATION FOR SEQ ID NO:6:	
	그런데 그는 그는 그는 그는 그는 그는 그들은 그들은 그는 그들은 그는 그를 가는 것이 되었다.	
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid	
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 	
40	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 	
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 	20
	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG	20
45	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid	20
45	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	20
45 50 55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6: TTGACCTCCC ACCCGACTTG (2) INFORMATION FOR SEQ ID NO:7: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	20

	(2)	INFO	RMATION FOR SEQ ID NO:8:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:8:	
15	GGA	CCAGC	GG CCCAAGGTAT	20
13	(2)	INFO	RMATION FOR SEQ ID NO:9:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:9:	
30	GGA	CCACC	GG CCCAAGGTAT CT	22
30	(2)	INFO	RMATION FOR SEQ ID NO:10:	
35	1.5	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:10:	
45	TTT	TTGCC	GC TGGTGATCGC G	21
13	(2)	INFO	RMATION FOR SEQ ID NO:11:	
50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:11:	
60	GGZ	AGAGC	CAT AG	12

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	(2)	INFOR	RMATION FOR SEQ ID NO:12:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:12:	
15	TGG'	rctgc	CGG A	11
13	(2)	INFO	DRMATION FOR SEQ ID NO:13:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
30	GGA	CGACC	CGG G	11
30	(2)	INFO	ORMATION FOR SEQ ID NO:14:	
35		(i)) SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
45	GGZ	AGATT	TTGG G	11
. 40	(2)	INF	FORMATION FOR SEQ ID NO:15:	
50		(i)	(A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii	i) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi	i) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
60		GCGAG	GACT G	11

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	(2) INFORMATION FOR SEQ ID NO:16:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:	
15	CTAGCCGAGT AG	12
13	(2) INFORMATION FOR SEQ ID NO:17:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:	
30	TGTTGGGTCG C	11
30	(2) INFORMATION FOR SEQ ID NO:18:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:	
45	CCGCGAGACC G	11
73	(2) INFORMATION FOR SEQ ID NO:19:	
50	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 11 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear 	
55	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:	
	CCGCAAGACC G	11

	(2) INFORMATION FOR SEQ ID NO:20:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:	
1 5	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTGCAGCCT	60
15	CCAGGACCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
	TTGCCAGGAC GACCGGGTCC TTTCTTGGAT CAACCCGCTC AATGCCTGGA GATTTGGGCG	180
20	TGCCCCCGCA AGACTGCTAG CCGAGTAGTG TTGGGTCGCG AAAGGCCTTG TGGTACTGCC	240
	TGATAGGGTG CTTGCGAGTG CCCCGGGAGG TCTCGTAGAC CGTGCAATC	289
25	(2) INFORMATION FOR SEQ ID NO:21:	
23	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 286 base pairs	
30	(B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:	
	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTGCAGCCT	60
40	CCAGGTCCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
40	TTGCCAGGAC GACCGGGTCC TTTCTTGGAT CAACCCGCTC AATGCCTGGA GATTTGGGCG	180
	TGCCCCCGCG AGACTGCTAG CCGAGTAGTG TTGGGTCGCG AAAGGCCTTG TGGTACTGCC	240
45	TGATAGGGTG CTTGCGAGTG CCCCGGGAGG TCTCGTAGAC CGTGCA	286
	(2) INFORMATION FOR SEQ ID NO:22:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:	
60	GATTCTGTCT TCACGCAGAA AGCGTCTAGC CATGGCGTTA GTATGAGTGT CGTACAGCCT	60
	CCAGGCCCCC CCCTCCCGGG AGAGCCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	120
65	TTGCCGGGAA GACTGGGTCC TTTCTTGGAT AAACCCACTC TATGCCCGGC CATTTGGGCG	180

	TGCCCCCGCA AGACTGCTAG CCGAGTAGCG TTGGGTTGCG AAAGGCCTTG TGGTACTGCC	40
	TGATAGGGTG CTTGCGAGTA CCCCGGGAGG TCTCGTAGAC CGTGCAATC	89
5	(2) INFORMATION FOR SEQ ID NO:23:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 289 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
15	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:	
	GATTCTGTCT TCACGCAGAA AGCGCCTAGC CATGGCGTTA GTACGAGTGT CGTGCAGCCT	60
20	CCAGGACCCC CCCTCCCGGG AGAACCATAG TGGTCTGCGG AACCGGTGAG TACACCGGAA	20
	TCGCTGGGGT GACCGGGTCC TTTCTTGGAG CAACCCGCTC AATACCCAGA AATTTGGGCG	.80
25	TGCCCCCGCG AGATCACTAG CCGAGTAGTG TTGGGTCGCG AAAGGCCTTG TGGTACTGCC	40
		289
30	(2) INFORMATION FOR SEQ ID NO:24: (i) SEQUENCE CHARACTERISTICS:	
3 5	(A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(11) MONECONE TIPE: Other indefere acid	Y
40	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:	•
	CTCGCAAGCA CCCTATCA	18
45	(2) INFORMATION FOR SEQ ID NO:25: (i) SEQUENCE CHARACTERISTICS:	
50	(A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
<i>5</i> 0	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
55	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:	
JJ	GCAGAAAGCG TCTAGCCATG G	21
	(2) INFORMATION FOR SEQ ID NO:26:	
60	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
ค์ร์		

	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
_	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:	
5	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTG CAGCCTCCAG GACCCCCCCT	60
	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CAGGACGACC	120
10	GGGTCCTTTC TTGGATCAAC CCGCTCAATG CCTGGAGATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
	CGAG	244
15	(2) INFORMATION FOR SEQ ID NO:27:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
25	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:	÷
30	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTG CAGCCTCCAG GTCCCCCCCT	60
50	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CAGGACGACC	120
	GGGTCCTTTC TTGGATCAAC CCGCTCAATG CCTGGAGATT TGGGCGTGCC CCCGCGAGAC	180
35		240
	CGAG DEPOSITION CONCENTRATION OF THE POSITION OF THE CONTROL OF TH	: A 244
40	(2) INFORMATION FOR SEQ ID NO:28:	٠.
70	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs	: :
45	(B) TYPE: nucleic acid(C) STRANDEDNESS: double	
	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:	
	GCAGAAAGCG TCTAGCCATG GCGTTAGTAT GAGTGTCGTA CAGCCTCCAG GCCCCCCCT	60
55	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTGC CGGGAAGACT	120
در	GGGTCCTTTC TTGGATAAAC CCACTCTATG CCCGGCCATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGCGTTGG GTTGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
60) cgag	244

	(2) INFORMATION FOR SEQ ID NO:29:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:	
15	GCAGAAAGCG CCTAGCCATG GCGTTAGTAC GAGTGTCGTG CAGCCTCCAG GACCCCCCCT	60
	CCCGGGAGAA CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATCGC TGGGGTGACC	120
	GGGTCCTTTC TTGGAGCAAC CCGCTCAATA CCCAGAAATT TGGGCGTGCC CCCGCGAGAT	180
20	CACTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
	CGAG	244
25	(2) INFORMATION FOR SEQ ID NO:30:	algers algebra
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 216 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
35	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:	j + 1
	CAGAAAGGGT TTAGCCATGG GGTTAGTATG AGTGTCGTAC AGCCTCCAGG CCCCCCCTC	60
40	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC GGGAAGACTG	120
70	GGTCCTTTCT TGGATAAACC CACTCTATGC CCGGCCATTT GGGCGTGCCC CCGCAAGACT	180
	GCTAGCCGAG TAGCGTTGGG TTGCGAAAGG CCTTGT	216
45	(2) INFORMATION FOR SEQ ID NO:31:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 244 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:	-
_	CAGAAAGGGT TTAGCCATGG CGTTAGTATG AGTGTCGTGC AGCCTCCAGG ACCCCCCTC	
60	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC AGGACGACCG	
		10

WO 98/50403 PCT/US98/03194 TGCTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG 240 CAAG 244 5 (2) INFORMATION FOR SEO ID NO:32: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 239 base pairs (B) TYPE: nucleic acid 10 (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:32: GCAGAAAGGT TTAGCCATGG GTTAGTATGA GTGTCGTGCA GCCTCCAGGA CCCCCCTCC 60 20 CGGGAGAGCC ATAGTGGTCT GCGGAACCGG TGAGTACACC GGAATTGCCA GGACGACCGG 120 GTCCTTTCTT GGATTAACCC GCTCAATGCC TGGAGATTTG GGCGTGCCCC CGCAAGACTG 180 CTAGCCGAGT AGTGTTGGGT CGCGAAAGGC CTTGTGGTAC TGCCTGATAG GGTGCTTGC 239 25 (2) INFORMATION FOR SEQ ID NO:33: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs 30 (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid and a second 35 (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:33: 38 PERSONAL REPORT OF ALL PROPERTY OF GCAGAAAGGT TTAGCCATGG GGTTAGTATG AGTGTCGTAC AGCCTCCAGG ACCCCCCTC 60 CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATTGCC AGGACGACCG GGTCCTTTCT TGGATAAACC CGCTCAATGC CTGGAGATTT GGGCGTGCCC CCGCAAGACT 180 45 GCTAGCCGAG TAGTGTTGGG TCGCGAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC (2) INFORMATION FOR SEQ ID NO:34: (i) SEQUENCE CHARACTERISTICS: 50 (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear

60 GCAGAAAGGG TTTAGCCATG GCGTTAGTAT GAGTGTCGTA CAGCCTCCAG GCCCCCCCT

CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATTAC CGGAAAGACT

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120

	GGGTCCTTTC TTGGATAAAC CCACTCTATG TCCGGTCATT TGGGCGTGCC CCCGCAAGAC	180
	TGCTAGCCGA GTAGCGTTGG GTTGCAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC	240
5	(2) INFORMATION FOR SEQ ID NO:35:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
15	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:	
	CAGAAAGGGT TTAGCCATGG GGTTAGTACG AGTGTCGTGC AGCCTCCAGG CCCCCCCTC	60
20	CCGGGAGAGC CATAGTGGTC TGCGGAACCG GTGAGTACAC CGGAATCGCT GGGGTGACCG	120
	GGTCCTTTCT TGGAGCAACC CGCTCAATAC CCAGAAATTT GGGCGTGCCC CCGCGAGATC	180
25	ACTAGCCGAG TAGTGTTGGG TCGCGAAAGG CCTTGTGGTA CTGCCTGATA GGGTGCTTGC	240
	(2) INFORMATION FOR SEQ ID NO:36:	
30	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 239 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear 	
35	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	14
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	
40	AGAAAGCGTT TAGCCATGGC GTTAGTATGA GTGTTGTGCA GCCTCCAGGA CCCCCCCTCC	ଅ-60
40	CGGGAGAGCC ATAGTGGTCT GCGGAACCGG TGAGTACACC GGAATTGCCA GGACGACCGG	120
	GTCCTTTCTT GGATCAACCC GCTCAATGCC TGGAGATTTG GGCGTGCCCC CGCAAGACTG	180
45	CTAGCCGAGT AGTGTTGGGT CGCGAAAGGC CTTGTGGTAC TGCCTGATAG GGTGCTTGC	239
	(2) INFORMATION FOR SEQ ID NO:37:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 232 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	
60	GTTTAGCCAT GGCGTTAGTA TGAGTGTCGT GCAGCCTCCA GGACCCCCCC TCCCGGGAGA	60
	COCATACTCC TOTOCCCAAC CCCTGAGTAC ACCGGAATTG CCAGGACGAC CGGGTCCTTT	120

	CTTGGATCAA CCCGCTCAAT GCCTGGAGAT TTGGGCGTGC CCCCGCGAGA CCGCTAGCCG	180
	AGTAGTGTTG GGTCGCGAAA GGCCTTGTGG TACTGCCTGA TAGGGTGCTT GC	232
5	(2) INFORMATION FOR SEQ ID NO:38:	
10	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 240 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear	
15	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
13	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
	GCAGAAAGCG TTTAGCCATG GCGTTAGTAC GAGTGTCGTG CAGCCTCCAG GACCCCCCCT	60
20	CCCGGGAGAG CCATAGTGGT CTGCGGAACC GGTGAGTACA CCGGAATCGC TGGGGTGACC	120
	GGGTCCTTTC TTGGAACAAC CCGCTCAATA CCCAGAAATT TGGGCGTGCC CCCGCGAGAT	180
25	CACTAGCCGA GTAGTGTTGG GTCGCGAAAG GCCTTGTGGT ACTGCCTGAT AGGGTGCTTG	240
43	(2) INFORMATION FOR SEQ ID NO:39:	
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
35		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:	
40	TGCTCTCTGG TCGCTGTCTG AAAGACAGCG TGGTCTCTCG TAAT	44
••	(2) INFORMATION FOR SEQ ID NO:40:	
45	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
50	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:	
55	TGCTCTCTGG TCGCTGTCTG AAAGACTCCG TGGTCTCTCG TAAT	44
	(2) INFORMATION FOR SEQ ID NO:41:	
60	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
6:	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	

	WO 9	98/50403	PCT/US98/03194	
	()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:41:		
	TGCTCT	TCTGG TCGCTGTCTG AATTTTTTTT TGGTCTCTCG TAAT	44	į
5	(2) II	NFORMATION FOR SEQ ID NO:42:		
10		(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
15	()	ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:		
	AGACCA	ATTAC CAGA	14	
20	(2) IN	NFORMATION FOR SEQ ID NO:43:		
25	,	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	141 121 121 121	
30	(;)	ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:43:		
	GAGACO	CATTA CCAGAG	16	
35	(2) IN	NFORMATION FOR SEQ ID NO:44:		
40	. ((i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
45	i)	ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	()	xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:		
	AGAGAC	CCATT ACCAGAGA	18	
50	(2) IN	NFORMATION FOR SEQ ID NO:45:		
55	((i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
60		ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:		
	AGAGA(CCATT ACAAGCGA	18	

18

	(2)	INFO	RMATION FOR SEQ ID NO:46:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:46:	
15	AGCG	AACA:	TT. ACCAGAGA	18
13	(2)	INFO	RMATION FOR SEQ ID NO:47:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:47:	
30	AGAG	ACCA	AC CAGAGA	16
30	(2)	INFO	RMATION FOR SEQ ID NO:48:	
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:48:	
45	AGAG	ACCA	r	9
73	(2)	INFO	RMATION FOR SEQ ID NO:49:	
50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 9 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:49:	
60	TACC	CAGAG	Ą	9

: .

(D) TOPOLOGY: linear

AGTGTCGTTT GGAACCGG

55

(ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "DNA"
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:

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	(2) INFORMATION FOR SEQ ID NO:54:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:	
1.5	AGTGTCGTAA GGAACCGG	18
15	(2) INFORMATION FOR SEQ ID NO:55:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:	
30	AGTGTCGTCA GGAACCGG	,18
30	(2) INFORMATION FOR SEQ ID NO:56:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:	
45	AGTGTCGTGG AACCGG	16
	(2) INFORMATION FOR SEQ ID NO:57:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:57:	

WO 98/50403 PCT/US98/03194 (2) INFORMATION FOR SEQ ID NO:58: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid 5 (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid 10 (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:58: 18 AGTGACGTTT GGAACCGG 15 (2) INFORMATION FOR SEQ ID NO:59: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 8 base pairs (B) TYPE: nucleic acid 20 (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA" 25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:59: **GGAACCGG** 30 (2) INFORMATION FOR SEQ ID NO:60: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid 35 (C) STRANDEDNESS: single (D) TOPOLOGY: linear (ii) MOLECULE TYPE: other nucleic acid 40 (A) DESCRIPTION: /desc = "DNA" (xi) SEQUENCE DESCRIPTION: SEQ ID NO:60: 20 TTTTGTGAGT ACACCGGAAT (2) INFORMATION FOR SEQ ID NO:61: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid 50 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

55

60

TTTTGTGAGT ACAC

(ii) MOLECULE TYPE: other nucleic acid

(A) DESCRIPTION: /desc = "DNA"
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:

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	(2)	INFO	RMATION FOR SEQ ID NO:62:	
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:62:	
15	TGAG	TACA	CC GGAAT	15
13	(2)	INFO	RMATION FOR SEQ ID NO:63:	
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:63:	
30	ATTC	CGGT	FT ACTCACCGGT TCCAAACGAC ACT	33
50	(2)	INFO	RMATION FOR SEQ ID NO:64:	
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:64:	
45	CAGC	CTCC	CC TTCTTGGA	18
	(2)	INFO	RMATION FOR SEQ ID NO:65:	
50		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:65:	
60	AGTG	TCGT	IT GGAATTAATT	20

	(2) INFORMATION FOR SEQ ID NO:66:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:	
	GCGAAAGGCC TTGTGG	16
15	(2) INFORMATION FOR SEQ ID NO:67:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:	
20	ACAGCCTCCA GGACCC	16
30	(2) INFORMATION FOR SEQ ID NO:68:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:	
45	GCAGCCTCCA GGACCC	16
40	(2) INFORMATION FOR SEQ ID NO:69:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 193 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:	
۷۸	CGTGGAGGCG ATCACACCGC AGACGTTGAT CAACATCCGG CCGGTGGTCG CCGCGATCAA	60
60	GGAGTTCTTC GGCACCAGCC AGCTGAGCCA ATTCATGGAC CAGAACAACC CGCTGTCGGG	120
	GTTGACCCAC AAGCGCCGAC TGTCGGCGCT GGGGCCCGGC GGTCTGTCAC GTGAGCGTGC	180
65	CGGGCTGGAG GTC	193

	(2) INFORMATION FOR SEQ ID NO:70:					
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear					
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:					
	CGTGGAGGCG ATCACCCGC AGACGT	26				
15	(2) INFORMATION FOR SEQ ID NO:71:					
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear					
25	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:					
30	GACCTCCAGC CCGGCACGCT CACGT	25				
50	(2) INFORMATION FOR SEQ ID NO:72:					
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 128 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear					
40	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:					
45	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60				
7.5	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGTC	120				
	ACGTGAGC	128				
50	(2) INFORMATION FOR SEQ ID NO:73:					
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear					
60	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:					
	CGCCGCGATC AAGGAGTTCT	20				

	(2)	INFOR	RMATION FOR SEQ ID NO:74:		
5		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
10		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:74:		
	GCT	CACGT	GA CAGACCGCCG		20
15	(2)	INFO	RMATION FOR SEQ ID NO:75:		
20		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	<i>47</i>	
25		(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:75:		
30	TGA	CAGAC	CCG CCGGGCCC		18
30	(2)	INFO	DRMATION FOR SEQ ID NO:76:		
35		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 121 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
40		(ii)) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:76:		
45	CG	ccccc	ATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA		60
73	CC	CGCTG	TCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGTC		120
	A				121
50	(2) INF	ORMATION FOR SEQ ID NO:77:		
55		(i	(A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
60)	(ii	(A) DESCRIPTION: /desc = "DNA"		
		(xi	i) SEQUENCE DESCRIPTION: SEQ ID NO:77:		
	AGACAGACCG CCGGGCCC				

	(2) INFORMATION FOR SEQ ID NO:78:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 121 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
0	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:78:	
1.5	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
15	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGTC	120
	T	121
20	(2) INFORMATION FOR SEQ ID NO:79:	
25	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
30	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
50	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:79:	
	ACAGACCGCC GGGCCCCA	18
35	(2) INFORMATION FOR SEQ ID NO:80:	
40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 119 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
15	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:80:	
	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	6
50	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGT	11
	(2) INFORMATION FOR SEQ ID NO:81:	
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:81:	
65	CCAGACCGCC GGGCCCCA	1

	(2) INFORMA	TION FOR SEQ ID NO:82:	
5	((QUENCE CHARACTERISTICS: A) LENGTH: 119 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) MC	DLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
•	(xi) SE	EQUENCE DESCRIPTION: SEQ ID NO:82:	
	CGCCGCGATC	AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
15	CCCGCTGTCG	GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTGG	119
	(2) INFORM	ATION FOR SEQ ID NO:83:	
20		EQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single	The second secon
25		(D) TOPOLOGY: linear	
23	(ii) M	OLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
30	(xi) S	EQUENCE DESCRIPTION: SEQ ID NO:83:	•
50	CAGACCGCCG	GGCCCCAG	18
	(2) INFORM	ATION FOR SEQ ID NO:84:	
35	(i) S	EQUENCE CHARACTERISTICS: (A) LENGTH: 118 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	·
40	(ii) M	OLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	•
45	(xi) S	EQUENCE DESCRIPTION: SEQ ID NO:84:	
43	CGCCGCGATC	AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	. 60
	CCCGCTGTCG	GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGGTCTG	118
50	(2) INFORM	MATION FOR SEQ ID NO:85:	
55	,	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60		MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
		SEQUENCE DESCRIPTION: SEQ ID NO:85:	
	GAGACCGCC	G GGCCCCAG	18

	(2) IN	IFORM	IATIO	N FOR SEQ	ID NO:86:	:			
5	((A) (B) (C)	NCE CHARAC LENGTH: 11 TYPE: nucl STRANDEDNE TOPOLOGY:	8 base pa eic acid SS: singl	airs			
10	(i			ULE TYPE: O					
	()	(i) \$	EQUE	NCE DESCRI	PTION: SI	EQ ID NO:86	: •		
15	CGCCGC	CGATC	AAG	GAGTTCT TC	GGCACCAG	CCAGCTGAGC	CAATTCATGG	ACCAGAACAA	60
13	CCCGCT	rgtcg	GGG	TTGACCC AC	AAGCGCCG	ACTGTCGGCG	CTGGGGCCCG	GCGGTCTC	118
	(2) IN	NFORM	OITA	N FOR SEQ	ID NO:87	:			
20	ı	(i) S	(A) (B) (C)	NCE CHARAC LENGTH: 20 TYPE: nucl STRANDEDNE TOPOLOGY:	base pa: eic acid SS: sing:	irs			
25	(:	ii) M		ULE TYPE: DESCRIPTIO					
30	(2	xi) S	EQUE	NCE DESCRI	PTION: S	EQ ID NO:87	:		
50	CCGCC	GGCC	CCA	GCGCCGA				. •	20
	(2) II	NFORM	OITAN	N FOR SEQ	ID NO:88	:		* <u>.</u> :	
35		(i) S	(A) (B) (C)	NCE CHARAC LENGTH: 11 TYPE: nucl STRANDEDNE TOPOLOGY:	4 base p eic acid SS: sing	airs		e de la companya de l La companya de la companya de	÷
40	(:	ii) M		ULE TYPE: DESCRIPTIO		cleic acid = "DNA"			
45	(:	xi) S	SEQUE	NCE DESCRI	PTION: S	EQ ID NO:88	:		
7.7	CGCCG	CGATC	C AAG	GAGTTCT TO	GGCACCAG	CCAGCTGAGC	CAATTCATGG	ACCAGAACAA	60
	CCCGC'	TGTCG	G GGG	STIGACCC AC	AAGCGCCG	ACTGTCGGCG	CTGGGGCCCG	GCGG	114
50	(2) I	NFORM	OITAN	N FOR SEQ	ID NO:89	:			
55		(i) S	(A) (B) (C)	ENCE CHARAC LENGTH: 20 TYPE: nucl STRANDEDNE TOPOLOGY:	base pa eic acid SS: sing	irs			
60	(ii) M		CULE TYPE: DESCRIPTION					
	(:	xi) S	SEQUE	ENCE DESCRI	PTION: S	EQ ID NO:89	:		
	GCGCC	ממפרי	ר רכז	AGCGCCGA					20

	(2) INFORMATION FOR SEQ ID NO:90:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 114 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:	
15	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
13	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCGC	114
	(2) INFORMATION FOR SEQ ID NO:91:	
20 25	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
23	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:	
-	CGGCCGGGCC CCAGCGCCGA	20
	(2) INFORMATION FOR SEQ ID NO:92:	
35 40	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 114 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:	
	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG GCCG	7 114
50	(2) INFORMATION FOR SEQ ID NO:93:	
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:	
	CCCCCCCA CCCCAAA	

	(2) INFORM	MATION FOR SEQ ID NO:94:	
5	(i) S	BEQUENCE CHARACTERISTICS: (A) LENGTH: 110 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	(ii) N	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	(xi) 5	SEQUENCE DESCRIPTION: SEQ ID NO:94:	
15	CGCCGCGAT	C AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
13	CCCGCTGTC	G GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCG	110
	(2) INFOR	MATION FOR SEQ ID NO:95:	
20	(i) s	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	(ii) !	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	•
30	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:95:	
30	AGGGCCCCA	G CGCCGACA	18
	(2) INFOR	MATION FOR SEQ ID NO:96:	ž
35	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 110 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
45	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:96:	
40	CGCCGCGAT	C AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60
	CCCGCTGTC	G GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGGCCCT	110
50	(2) INFOR	MATION FOR SEQ ID NO:97:	
55	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
60		MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	
	·(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:97:	
	CCCCAGCGC	CC GACAGTCG	18

	(2) INFORMATION FOR SEQ ID NO:98:				
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 106 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10	<pre>(ii) MOLECULE TYPE: other nucleic acid</pre>				
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:98:				
1.7	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60			
15	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGG	106			
	(2) INFORMATION FOR SEQ ID NO:99:				
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
25	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:99:				
30	TCCCAGCGCC GACAGTCG				
	(2) INFORMATION FOR SEQ ID NO:100:				
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 106 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>				
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:100:				
43	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	. 60			
	CCCGCTGTCG GGGTTGACCC ACAAGCGCCG ACTGTCGGCG CTGGGA	106			
50	(2) INFORMATION FOR SEQ ID NO:101:				
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
60					
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:101:				
	CGCTTGTGGG TCAACCCCGA	20			

	(2) INFORMATION FOR SEQ ID NO:102:				
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 87 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>				
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102:				
1 ~	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA	60			
15	CCCGCTGTCG GGGTTGACCC ACAAGCG				
	(2) INFORMATION FOR SEQ ID NO:103:				
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid				
25	(C) STRANDEDNESS: single (D) TOPOLOGY: linear				
	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:103:				
	AGCTTGTGGG TCAACCCCGA				
	(2) INFORMATION FOR SEQ ID NO:104:				
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 87 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
.40	(ii) MOLECULE TYPE: other nucleic acid				
	(A) DESCRIPTION: /desc = "DNA"				
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:104:				
	CGCCGCGATC AAGGAGTTCT TCGGCACCAG CCAGCTGAGC CAATTCATGG ACCAGAACAA				
	CCCGCTGTCG GGGTTGACCC ACAAGCT	81			
50	(2) INFORMATION FOR SEQ ID NO:105:				
55	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
60	(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:				
	GTGACAGAGT TGTTCT	16			

	(2) INFORMATION FOR SEQ ID NO:106:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:	
15	GTGACAGATT GTTGTTCT	18
13	(2) INFORMATION FOR SEQ ID NO:107:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	er Land
25	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	** ** ; **** * ** *
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:	
30	GTGACAGAGC GTTGTTCT	18
50	(2) INFORMATION FOR SEQ ID NO:108:	
35	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
40	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:	
45	GTGACAGAAA GTTGTTCT	18
	(2) INFORMATION FOR SEQ ID NO:109:	
50	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
55	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
60	<pre>(ix) FEATURE:</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:109:	
65	GTGACAGANN GTTGTTCT	1.0

	(2) IN	FORMAT'I	ON FOR SEQ ID NO:110:				
5	((A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear				
10	(i		CULE TYPE: other nucle DESCRIPTION: /desc =				
	(x	i) SEQU	ENCE DESCRIPTION: SEQ	ID NO:110:		•	
1.5	TCACGTGAGC GTCCATGA						18
15	(2) IN	FORMATI	ON FOR SEQ ID NO:111:	•			
20	((A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear				
25	(i	i) MOLE (A)	CULE TYPE: other nucle DESCRIPTION: /desc =	ic acid "DNA"	•·		
	(x	i) SEQU	ENCE DESCRIPTION: SEQ	ID NO:111:	,	'	
30	CAGACC	GCGC AC	AGCGGG.				18
30	(2) IN	FORMATI	ON FOR SEQ ID NO:112:				
35	((A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 17 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	the state of the s	; .	
40	(i		CULE TYPE: other nucle DESCRIPTION: /desc =				
	(x	i) SEQU	ENCE DESCRIPTION: SEQ	ID NO:112:			
45	GCTCACGATA CCCCGAC 17					17	
	(2) IN	FORMATI	ON FOR SEQ ID NO:113:				
50	((A) (B) (C)	ENCE CHARACTERISTICS: LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear				
55	(i		CULE TYPE: other nucle DESCRIPTION: /desc =				
	(x	i) SEQU	ENCE DESCRIPTION: SEQ	ID NO:113:			
60	TGCTCA	CGAT AC	CCCGAC				18

	(2) INFO	ORMATION FOR SEQ ID NO:114:				
5	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
10	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:114:				
15	CGCCGGG	CGC TCAACCCC		18		
13	(2) INFORMATION FOR SEQ ID NO:115:					
20	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	7. :			
25	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"	Norway y Security			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:115:				
30	ACAGTCGG	GC GGTTGTTC		18		
<i>3</i> 0.	(2) INFO	ORMATION FOR SEQ ID NO:116:				
35	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
40	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:116:				
45	CGGGCCCC	CGGGCCCCTA TGTGGGTC				
177	(2) INFO	RMATION FOR SEQ ID NO:117:				
50	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
55	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:117:				
60	CTCACGTO	STA TCTGGTCC		18		

	(2) INFO	RMATION FOR SEQ ID NO:II8:		
5	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
10	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:118:		
15	TGACAGAC	TGACAGACGT TGTTCT		
13	(2) INFO	(2) INFORMATION FOR SEQ ID NO:119:		
20	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
25	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:119:		
30	CCCCAGCGGC GTTGTTCT			
30	(2) INFO	RMATION FOR SEQ ID NO:120:		
35	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	٠	
40	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:120:		
45	GTGTCGTTTG GAACCG			
	(2) INFO	RMATION FOR SEQ ID NO:121:		
50	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
55	(ii)	MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:121:		
60	TGGGCGTT	GC TIGIGG	16	

	(2) INFORMATION FOR SEQ ID NO:122:	
5	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
10	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:122:	
15	TTGGGCGTTG CTTGTGGT	18
13	(2) INFORMATION FOR SEQ ID NO:123:	
20	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
25	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "DNA"</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:123:	
30	TCCTTGATCG CGG	13